

Converting Colors

YUV(79.7880, 7.9925, -43.6641)

Have a look what the booklet for
YUV(79.7880, 7.9925, -43.6641)
contains.

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Color

**YUV(79.7880, 7.9925,
-43.6641)**

Conversions

Conversions Part 1

Format	Color
Hex	1E6660
RGB	30, 102, 96
RGB Percent	12%, 40%, 38%
CMY	0.8824, 0.6000, 0.6235
CMYK	0.71, 0.00, 0.06, 0.60
HSL	175°, 55%, 26%
HSV	175°, 71%, 40%
XYZ	7.3981, 10.6233, 12.7269
YIQ	79.7880, -40.9860, -17.1300

Conversions

Conversions Part 2

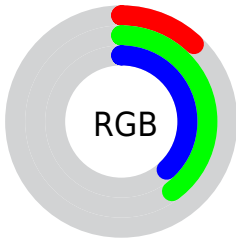
Format	Color
R_{YB}	30, 68, 102
Decimal	1992288
CIE _{Lab}	38.94, -23.32, -3.07
CIE _{LCh}	39, 23.522, 187.490
Yxy	10.6233, 0.2406, 0.3455
Android (android.graphics.Color)	4280182368 (0xFF1E6660)
YUV	79.7880, 7.9925, -43.6641
Hunter-Lab	32.5934, -16.5221, -0.3359




Details

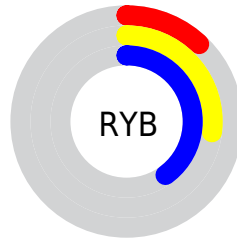
The YUV color **79.7880, 7.9925, -43.6641** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **52.2120, -7.9925, 43.6641**, and the grayscale version is **80.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **131.8700, 6.9661, -41.1050**, and **37.3980, 6.2128, -32.7980** is the 20% darker color. If you saturate the color by 10%, you get **76.6840, 9.0298, -49.7119**, and if you desaturate by 10%, it is **82.8920, 6.9552, -37.6163**.

Distribution







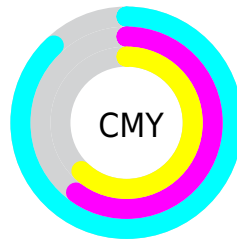
-  Red (12%)
-  Green (40%)
-  Blue (38%)






-  Red (12%)
-  Yellow (27%)
-  Blue (40%)



-  Cyan (71%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (60%)



-  Cyan (88%)
-  Magenta (60%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7880, 7.9925, -43.6641 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 79.7880, 7.9925, -43.6641 by changing the saturation by 10% instead.

■ 79.7880, 7.9925,
-43.6641

■ 79.7880, 7.9925,
-43.6641

■ 255.0000, 0.0000,
0.0000

■ 53.9940, 8.8770,
-47.3527

■ 131.8700, 6.9661,
-41.1050

■ 37.3980, 6.2128,
-32.7980

■ 158.8700, 6.9661,
-41.1050

■ 22.6770, 3.1172,
-19.8877

■ 186.4570, 6.6767,
-41.6198

■ 0.3420, 1.3104,
-0.2999

■ 214.4570, 6.6767,
-41.6198

■ 0.0000, 0.0000,
0.0000

■ 237.0600, 8.8444,
-36.8866

■ 245.4320, 4.7170,

-19.6729

254.4020, 0.2948,
-1.2296

■ 79.7880, 7.9925,
-43.6641

■ 79.7880, 7.9925,
-43.6641

■ 76.6840, 9.0298,
-49.7119

■ 82.8920, 6.9552,
-37.6163

■ 73.5800, 10.0671,
-55.7597

■ 85.9960, 5.9180,
-31.5685

■ 70.5900, 11.5411,
-61.9074

■ 89.3990, 4.7333,
-24.9059

■ 92.3890, 3.2592,
-18.7582

■ 95.4930, 2.2220,
-12.7104

■ 98.5970, 1.1847,
-6.6626

■ 101.7010, 0.1474,
-0.6148

■ 105.1040, -1.0373,
6.0478

■ 108.2080, -2.0745,
12.0956

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6950, -4.2866, -25.1655



79.7880, 7.9925, -43.6641



76.4690, 18.5028, -54.7853

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7880, 7.9925, -43.6641



93.7030, 13.9504, 5.5225



91.9630, -17.2368, 21.9574

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.7880, 7.9925, -43.6641



52.2120, -7.9925, 43.6641

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7990, -11.7329, 29.9943



79.7880, 7.9925, -43.6641



94.4510, 6.1867, 22.4065

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7880, 7.9925, -43.6641



90.2380, 19.1097, -15.9947



93.8020, -2.8604, 30.8686



89.9460, -18.2144, 8.8174

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7880, 7.9925, -43.6641



80.8060, 20.8016, -45.4339



93.8020, -2.8604, 30.8686



91.7400, -15.6478, 25.6610

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.7880, 7.9925, -43.6641



124.2860, 2.8170, -16.9138



74.0580, -21.7206, -33.3769



61.1020, 1.9217, -9.7365



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7880, 7.9925, -43.6641



98.0730, 12.2890, -68.4700



62.8620, 19.2950, -28.8200



49.5050, 0.7370, -3.0739



79.4750, 12.5838, -69.6996



167.3620, 26.9365, -146.7765

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.2120, -7.9925, 43.6641



54.8130, -12.7258, 68.5700



69.1380, -19.2950, 28.8200



47.4950, -0.7370, 3.0739



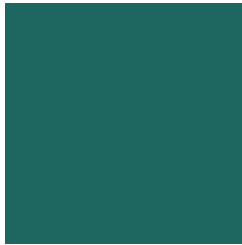
35.5250, -12.5838, 69.6996



74.6380, -26.9365, 146.7765

Previews

White Background



This preview shows how the YUV color 79.7880, 7.9925, -43.6641 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 79.7880, 7.9925, -43.6641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

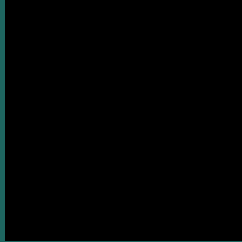
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 79.7880, 7.9925, -43.6641

Background



This preview shows how black text looks on a background with the YUV color 79.7880, 7.9925, -43.6641.



This preview shows how white text looks on a background with the YUV color 79.7880, 7.9925, -43.6641.

-43.6641.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.7880, 7.9925, -43.6641

Protanopia

91.4840, -0.7316, 1.3295

Deuteranopia

92.5320, 3.1887, 3.9184



Tritanopia

82.0750, 12.7810, -39.5308

Trichromacy



Original Color

79.7880, 7.9925, -43.6641

Protanomaly

87.1830, 2.3748, -15.0695

Deuteranomaly

88.1770, 4.8427, -13.3102

Tritanomaly

81.3090, 11.1867, -41.4900

Monochromacy



Original Color

79.7880, 7.9925, -43.6641

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9980, 2.9590, -15.7842

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7880, 7.9925, -43.6641 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(30, 102, 96)` looks like.

```
.text, #text, p{  
    color:rgb(30, 102, 96)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(30, 102, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 102, 96) }
```

Border

The CSS property to change the border of an element to YUV 79.7880, 7.9925, -43.6641 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(30, 102, 96) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(30, 102, 96) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(30, 102, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 102, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 102, 96);  
box-shadow:4px 4px 4px 4px rgb(30, 102,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 79.7880, 7.9925, -43.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 102, 96) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(30, 102,  
96) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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